CLAIMS

What is claimed is:

1.   A system for demonstrating proof of concept of a project for an organization, the system comprising:

>   a requirements component operable to maintain requirements of the organization for the project;

>   a use case component operable to maintain a plurality of use cases, each of the plurality of use cases associated with at least one of the requirements;

>   a log component operable to track a results of the project executing at least some of the plurality of use cases, the log component further operable to track at least some defects of the project identified based on executing some of the plurality of use cases; and

>   a reporting component operable to report results for at least some of the use cases.

2.   The system of Claim 1, wherein potential users of the project define at least some of the requirements maintained by the requirement component.

3.   The system of Claim 1, wherein each requirement has at least one use case associated with the requirement.

4.   The system of Claim 1, wherein the use case component further comprises a use case generator operable to generate the plurality of uses cases based on the requirements maintained by the requirements component.

5.   The system of Claim 1, wherein the plurality of use cases are further defined as each including at least one test related to whether the project satisfies one of the requirements.

6.   The system of Claim 1, wherein the log component is operable to track the results of each of the plurality of use cases and further operable to track each defect of the project identified.

7.   The system of Claim 1, wherein the project is further defined as a software product.

8.   The system of Claim 1, wherein the project is further defined as a computer application.

9.   The system of Claim 1, wherein the reporting component maps each requirement to one of the plurality of use cases.

10.   The system of Claim 9, wherein at least some of the plurality of use cases includes sub-use cases and wherein the reporting component is further operable to map each of the sub-use cases to an associated one of the requirements.

11.　A method of demonstrating proof of concept of a product, the method comprising:

　　describing requirements to be fulfilled by the product;

　　generating use cases defining test scenarios to test whether the product satisfies the requirements, each of the use cases based on at least one of the requirements;

　　describing a relationship between each use case and an associated one of the requirements; and

　　weighting each use case based upon a priority associated with the requirement tested by the use case.

12.　The method of Claim 11, wherein the relationship between the use cases and the requirements is further defined as describing a manner in which each of the use cases test the requirement associated with the use case.

13.　The method of Claim 11, wherein at least one use case is generated for each of the requirements.

14.　The method of Claim 11, wherein a plurality of use cases are generated for each of the requirements.

15.　The method of Claim 11, further comprising:

　　executing, by the product, the use cases;

　　maintaining, by a log component, results of the product executing the use cases; and

　　maintaining, by the log component, a products failure list.

16.   The method of Claim 15, wherein the log component includes a use case log to maintain results of the use cases, and wherein the log component further includes a defects log to maintain the product failure list.

17.   The method of Claim 16, further comprising reporting the results from the use case log and the defects log.

18.   The method of Claim 17, further comprising providing a recommendation of whether to implement the product.

19.   A method for demonstrating proof of concept of a product, comprising:

providing a project plan component identifying at least one product to test;

describing requirements to be fulfilled by the product;

generating use cases defining test scenarios to test whether the product satisfies the

requirements, each of the use cases based on at least one of the requirements;

describing a relationship between each use case and an associated one of the requirements;

testing the product using the use cases; and

weighting each use case based upon a priority associated with the requirement tested by the

use case.

20.   The method of Claim 19, wherein the testing includes a functional test to determine whether the project achieves an intended result.

21.   The method of Claim 19, wherein the testing includes a performance test to measure a quality performance of the product.

22.   The method of Claim 19, wherein the testing includes a scalability test to measure an adaptability to work volume change of the product.

23.   The method of Claim 19, wherein the testing includes a longevity test to measure a length of operation of the product without errors.

24.   The method of Claim 19, wherein the testing includes one of a functional test, a performance test, a scalability test, and a longevity test.

25.   The method of Claim 19, wherein at least some of the requirement are provided by a potential user group of individual and wherein at least some of the requirements are provided by a second group of individuals.